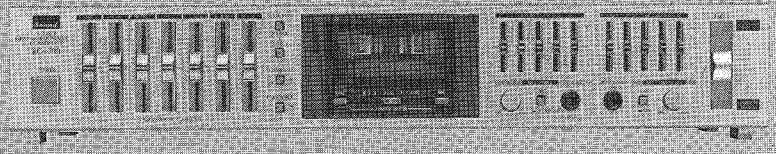
SERVICE MANUAL

STEREO GRAPHIC EQUALIZER CONSOLETTE

SANSUI RG-700

(Silver & Black Model)



NOTE
RG-700 is additional model which external appearances are different from those of RG-710.
This manual contains OTHER PARTS LIST, PACKING LIST and ACCESSORY LIST in which changed parts are printed with bold-face.
For other parts list, refer to RG-710 service manual previously issued.

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•SPECIFICATIONS

Input sensitivity and impedance (1 kHz)
SOURCE IN, TAPE PLAY ..... 150 mV/50 kohms
MIC ..... 0.3 mV/10 kohms
KEYBOARD ..... 12 mV/10 kohms
Output level (1 kHz)
TAPE REC ..... 150 mV/47 kohms
MIXING OUT ..... 150 mV/47 kohms
Total harmonic distortion (1 kHz, 2V)
SOURCE IN 0.05%
Frequency response (150 mV)
SOURCE IN ..... 20 Hz ~ 20 kHz, +1 dB, −2 dB
Signal to noise ratio (Short-circuit, A-network)
SOURCE IN ..... 75 dB
Channel separation (1 kHz)
SOURCE IN ..... 60 dB
Reverb time ..... 0 ~ 3 sec.
Delay time ..... 20 msec.
Power requirements ..... 120/220/240V (50/60 Hz)
For U.S.A. and Canada .. 120 V (60 Hz)
Power consumption ..... 15 watts
Dimensions ..... 430 mm (16-15/16″) W
78 mm (3-1/8″) H
223 mm (8-13/16″) D
Weight ..... 2.8 kg (6.2 lbs) net
3.5 kg (7.7 lbs) packed

* Design and specifications subject to change without notice for improvements.
* Due to local laws and regulations, this unit sold in some areas are not equipped with variable voltage selectors.

CAUTION

1. The symbols, UL, CSA, SA, BS, UK, EU, AS, XX <EXPORT> and XX-V <EXPORT(V)> on the parts list and the schematic diagram mean followings respectively.

UL	Manufactured for U.S.A market. (Underwriters Laboratories approved model.)
CSA	Manufactured for Canadian market.
SA	Manufactured for South African market.
BS, UK	Manufactured for United Kingdom market.
EU	Manufactured for European market.
AS	Manufactured for Australian market.
XX <EXPORT>	Standard Version with Inner Voltage Selector.
XX-V <EXPORT(V)>	Standard Version with Outer Voltage Selector.
NON MARK	Common Parts.

2. Some printed circuit boards are not supplied as the assembled. To separate these in this service manual, the stock No's are not indicated at the ends of the board names. However, the individual parts on the circuit boards are provided by orders.

3. Since some of capacitors and resistors are omitted from parts lists in this service manual, refer to the Common Parts List for capacitors & resistors, which was issued on February 1983.

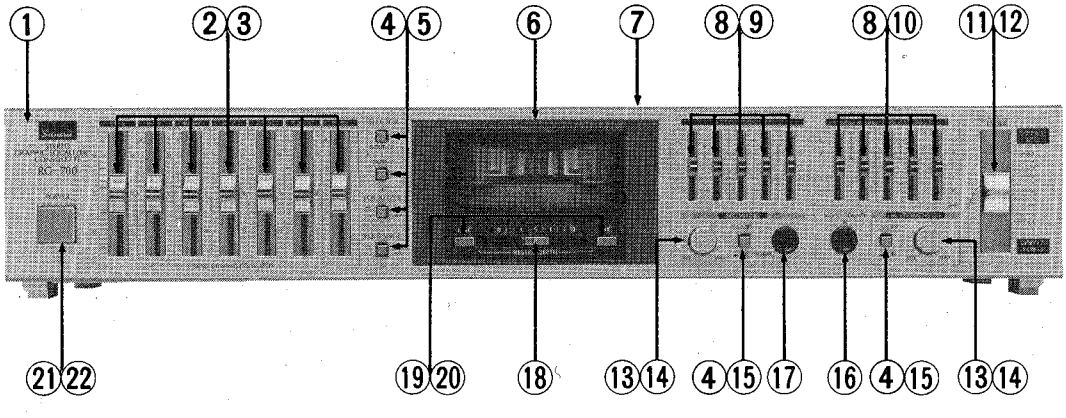
4. Abbreviations in this service manual are as follows.

•Abbreviations List

C.R.	: Carbon Resistor	E.B.L.	: Low Leak Bi-Polar Electrolytic Capacitor
S.R.	: Solid Resistor	Ta.C.	: Tantalum Capacitor
Ce.R.	: Cement Resistor	F.C.	: Film Capacitor
M.R.	: Metal Film Resistor	M.P.	: Metalized Paper Capacitor
F.R.	: Fusing Resistor	P.C.	: Polystyrene Capacitor
N.I.R.	: Non-Inflammable Resistor	G.C.	: Gimmic Capacitor
A.R.	: Array Resistor	A.C.	: Array Capacitor
C.C.	: Ceramic Capacitor	V.R.	: Variable Resistor
C.T.	: Ceramic Capacitor, Temperature Compensation	S.V.R.	: Semi Variable Resistor
E.C.	: Electrolytic Capacitor	SW.	: Switch
E.L.	: Low Leak Electrolytic Capacitor	Chip R.	: Chip Resistor
E.B.	: Bi-Polar Electrolytic Capacitor	Chip C.	: Chip Capacitor

1. OTHER PARTS

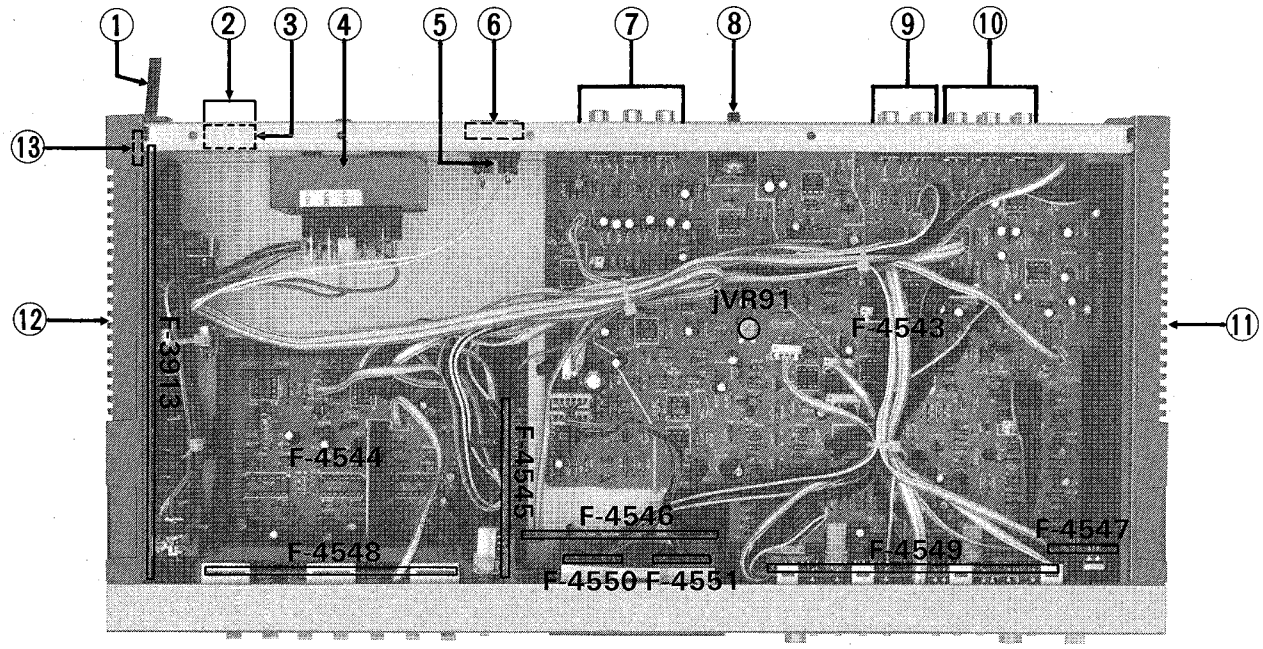
1-1. Front View



Parts List <Front View>

Parts No.	Stock No.	Description
1	47880700	Front Panel (Silver Model)
	47880800	Front Panel (Black Model)
2	47907900	Slide Knob (Silver Model), 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 16 kHz,
	47907700	Silver Knob (Black Model), 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 16 kHz
3	46500600	250 kΩ Silver V.R., 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 16 kHz
4	47901100	Push Knob, SOURCE, TAPE-1, EQUALIZER, EQ RANGE
5	46500100	Push SW., SELECTOR, EQUALIZER, EQ RANGE
6	47880100	Display Ass'y
7	47854700	Bonnet (Silver Model)
	47872700	Bonnet (Black Model)
8	47535400	Slide Knob, REVERB EQUALIZER, VIDEO SOUND/TAPE-2 EQUALIZER
9	46500500	50 kΩ (B) Slide V.R., REVERB EQUALIZER
10	46948400	50 kΩ (B) Slide V.R., VIDEO SOUND/TAPE-2 EQUALIZER
11	47889300	Knob Ass'y (Silver Model), FADER
	47907600	Knob Ass'y (Black Model), FADER
12	46948500	250 kΩ×2 V.R., FADER
13	47901200	Knob (Silver Model)
	47109900	Knob (Black Model)
14	46500200	10 kΩ V.R., MIC MIXING, MULTIDIMENSION
15	46603000	Push SW., MIC/KEYBOARD, MULTIDIMENSION
16	24306200	Jack, VIDEO SOUND IN
17	07219700	Jack, MIC/KEYBOARD
18	48001700	20 kΩ V.R., REVERB DEPTH
19	47592900	Push Knob, LINE, MIC
20	46500000	Push SW., LINE MIC
21	47252200	Push Knob, POWER (Silver Model)
	07911210	Push Knob, POWER (Black Model)
⚠22	48058900	Push SW., POWER (XX, XX-V, UL, CSA)
⚠	46499500	Push SW., POWER (EU, BS, AS)

1-2. Top View

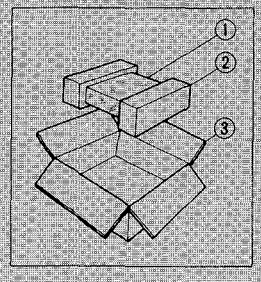


Parts List <Top View>

Parts No.	Stock No.	Description
⚠ 1	46604400	Power Supply Cord (XX, XX-V, UL, CSA)
⚠	38004500	Power Supply Cord (EU)
⚠	38004300	Power Supply Cord (BS)
⚠	07204200	Power Supply Cord (AS)
⚠ 2	48175200	Plug, VOLTAGE SELECTOR (XX-V)
⚠ 3	48175400	Socket, VOLTAGE SELECTOR (XX-V)
⚠ 4	15010401	Power Transformer (XX)
⚠	15010402	Power Transformer (UL, CSA)
⚠	15010405	Power Transformer (EU, BS, AS)
⚠	15021309	Power Transformer (XX-V)
⚠ 5	46364900	AC Outlet (XX, XX-V, UL, CSA)
⚠	46161000	AC Outlet (EU)
⚠	46364800	AC Outlet (BS)
⚠	46580600	AC Outlet (AS)
⚠ 6	07204700	Slide SW., (EU, BS, AS) VOLTAGE SELECTOR
7	46546800	4P Input/Output Terminal, VIDEO SOUND (TAPE-2)
8	46948600	100 kΩ V.R., GAIN ADJ.
9	46371500	4P Input/Output Terminal, TAPE-1
10	46546800	6P Input/Output Terminal, LINE
11	47873000	Side Panel Ass'y (Right) for Silver Model
	47873100	Side Panel Ass'y (Right) for Black Model
12	47872800	Side Panel Ass'y (Left) for Silver Model
	47872900	Side Panel Ass'y (Left) for Black Model
13	47831100	AC Cord Cover

2. PACKING LIST

Parts No.	Stock No.	Description
1	47859300	Vinyl Bag
2	07965300	Styrofoam Packing
3	47880900	Carton Case (Silver Model) <XX, UL, CSA, EU, BS, AS>
	47881000	Carton Case (Black Model) <XX, UL, CSA, EU, BS, AS>
	47881100	Carton Case (Silver Model) <XX-V>
	47881200	Carton Case (Black Model) <XX-V>



3. ACCESSORY LIST

Stock No.	Description
38103300	PJP Cord
46969400	Operating Instruction

Note: XX-V <EXPORT (V)> Standard Version with Outer Voltage Selector.
("V" mark is indicated on the carton case.)

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